

AMENDMENTS TO THE CLAIMS

LISTING OF CLAIMS

1-76 (canceled)

77. (previously presented) A contact for making an electrical connection with a component contact on a semiconductor component comprising:

a substrate having a recess sized and shaped to center and retain the component contact;

a plurality of cantilevered leads on the recess;

a support member attached to the leads for movement into the recess, the support member configured to support and electrically engage the component contact during the movement into the recess; and

a projection on the support member.

78. (previously presented) The contact of claim 77 wherein the recess has a depth approximately equal to a height of the component contact and the movement into the recess can be by an amount approximately equal to the depth.

79. (previously presented) The contact of claim 77 wherein the leads are configured to exert a torque on the support member and to twist the projection into the component contact during the movement.

80. (previously presented) The contact of claim 77 wherein the projection comprises a peripheral blade configured to penetrate the component contact.

81. (previously presented) The contact of claim 77 wherein the component contact comprises a bumped contact having a diameter approximately equal to that of the recess.

82. (previously presented) The contact of claim 77 further comprising a conductive via in the substrate in electrical communication with each lead.

83. (previously presented) The contact of claim 77 wherein the leads have scallops and an extensible configuration.

84. (previously presented) The contact of claim 77 wherein the substrate comprises a semiconductor material.

85. (previously presented) The contact of claim 77 wherein the support member comprises a plate.

86. (currently amended) A contact for making an electrical connection with a component contact on a semiconductor component comprising:

a substrate having a recess sized and shaped to center and retain the component contact;

a plurality of extensible cantilevered leads on the recess;

a support member attached to the leads for movement into the recess, the support member configured to support and electrically engage the component contact during the movement into the recess; and

a projection on the support member;

the leads configured to exert a torque on the support member and to twist the projection into the component contact during the movement.

87. (previously presented) The contact of claim 86 wherein the leads include scallops.

88. (previously presented) The contact of claim 86 wherein each lead is in electrical communication with a conductive via in the substrate.

89. (previously presented) The contact of claim 86 wherein the projection comprises a peripheral blade.